DSP 3.4 Grazing System Lime

Purpose

1. Improve or maintain desired species composition and vigor of plant community.
2. Improve or maintain surface and/or subsurface water quality and quantity.
3. Improve or maintain riparian and watershed function.
4. Reduce accelerated soil erosion and maintain or improve soil condition.

Applicability

Applies to pastureland where permanent vegetative cover is established and can be enhanced through the use of a planned grazing system. The system operator must follow an approved grazing system plan. The system operator must attend an approved grazing school provided by University of Missouri, in conjunction with NRCS, prior to the district's submittal of a contract for review.

Erosion Requirements

Practice has no erosion requirements.

Specifications

The completed practice must meet the NRCS Standards and Specifications for Prescribed Grazing (528), and Nutrient Management (590) or Waste Utilization (633) contained in the Field Office Technical Guide.

Policies

1. Cooperators must have an approved grazing plan prior to contract board approval.
2. ***Cost-share is authorized for:***
    a. Lime application on existing systems that meet NRCS standard and specifications for Prescribed Grazing (528).
    b. One time application of lime in accordance with minimum cover improvement needed, as determined by a soil test.
        1) If determination is made that requires application of greater than 1500 lbs of ENM per acre, the cooperator is required to apply a minimum of 1500 lbs of ENM per acre. Cost-share may be provided for more than 1500 lbs of ENM, not to exceed the maximum of $50.00 per acre.
        2) If lime is applied in split application when large amounts of ENM are required, the contract must remain unpaid until all lime is applied.
3. ***Cost-share is not authorized for:***
    a. Lime, if N590 Nutrient Management was previously completed

Maximum State Cost-Share

1. Assistance is limited to 75% of the established county cost, not to exceed the state average cost.
2. Maximum of $50.00 per acre for a one time application of limestone and in accordance to the soil test recommendations for a planned grazing system.
3. Utilize the Practice Limits Detail report in MoSWIMS to ensure compliance with applicable maximums.

Map Requirements

1. A CMT Map Number must be entered in MoSWIMS prior to contract approval. The map must show the following information that pertains to the contract:
   - Farm Perimeter
   - Acreage Completed under DSP 3.4 and/or DSP 3.5
   - Location of Power Source
   - System Acreage
   - Field Numbers (use the "Point" tool)
   - Any other feature that may affect the completed system.

   a. Planned items must be shown and labeled with the fiscal year to be installed.
      - Planned Fence
      - Planned Pipeline
      - Planned Water Source
      - Planned Watering Facility (Specify Tank or Hydrant)
      - Planned Lime Application
      - Planned Seeding Application

   b. Existing items must be labeled with the fiscal year installed and funding source (EQIP, SWCP, etc.).
      - Existing Fence, including existing perimeter and cross fences
      - Existing Pipeline
      - Existing Water Source
      - Existing Watering Facility (Specify Tank or Hydrant)
2. A map that displays the completed practice must be scanned and attached as a "Map Document" in MoSWIMS prior to contract payment submission.

Technical Responsibilities

Technical staff has the responsibility for determining the need for the practice, for design of the practice based upon the minimum extent necessary, and to certify that the completed practice meets NRCS standards and specifications within commission policy.

Acres Served

Acreage treated with lime, excluding heavily forested acreage.

Extent Installed
Acres.

Maintenance Life
5 years.